FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	I-1102 (6)	

41
458

CUYAHOGA & LAKE COUNTIES
CUY-I-15.91
LAK-I-0.00

ROADWAY								
Ref. No.	Side ℄	Station From	Station To	I-124.03 New 12" Water Main, Cast Iron, Cement Lined ASA Cl. 25 L.F.	I-124.03 New 12" Water Main, Extra Strong Wrought Iron Pipe, Galv. L.F.	I-15 Guard Rail Dwg. No. 2A Lin. Ft.	I-124.03 12" Plug & Cl. 250 Cast Iron Each	I-124.03 12" Special Connection as per plan Each
1R	Lt.	1+38.60	2+77.25			137.50		
2-R	Lt.	1+18.25	2+56.32			137.50 *		
3-R	Rt.	134+53.02	1+25.53			137.50 *		
4-R	Rt.	134+33.23	1+05.18			137.50		
1-U	Rt & Lt.	1+10	2+50	421 *	116 *		2 *	4 *
Total				421	116	550.00	2	4

* No Federal Participation

P.I. Sta. 134+37.00
Δ = 5°24'20" Lt.
D = 0°20'
R = 17,188.73'
T = 811.44'
L = 1621.67'
E = 19.14'
P.C. Sta. 126+25.56

EQUATION: Sta. 134+64.62 Bk. = Sta. 0+00.20 Ahd.

BEGIN SHEET STA. 132+00

END SHEET STA. 9+00

P.T. Sta. 7+82.81

2+50, 235' Lt.

8" Cinder Dr.

3" Maple

24" Hickory

White Road (Asphalt)

Open Field

Medium Underbrush

Scattered Small Trees & Brush

6" Elm

Sta. 0+00.00 ℄ WHITE ROAD = Sta. 1+21.89 ℄ Survey F.A.I.-4

105°59'49" to C.

89°28'51"

133

134

N-6°14'15"-E

Nail & Cap in 4" Elm

Nail & Cap in 2 Apple

N.T.E. 65.48'

N-0°49'55"-E

Nail & Cap in 6" Oak

BRIDGE NO. LAK-I-0002
SEE SHEETS 379 to 384

39°R9'776

2 Strands Barbed Wire

Rock Cr. Subdivision

16'x18' C.M.P.

8" Gravel Dr.

1-3.5-F

Iron Pin

Iron Pin ℄

Iron Pin +52 ℄ G"I-4: 880.91

Iron Pin

Scattered Small Trees & Brush

+76 ℄ G"I-4: 880.65

Nail & Cap in 3" Cherry

DETAIL "P"

DETAIL "P-1"

Nail & Cap in 3" Crabapple
3.47' Rt.
29.93'

W 11°45' W
20.26'

Wood Railing Fence

3 Trees

4" Elm

Dirt Track

Ditch 15' Wide 3' Deep

66"x60" Conc. Pipe

G5°

4' Anchor Fence

3' Conc. Walk

Conc. Swim. Pool
Avg. Depth 4'

23'± Conc. Pipe

4' Gravel Drive

1-S-F

Sta. 12+60 ℄ White Road
= Sta. 0+00 ℄ Channel Change

1+10, 230' Rt.

5-Power Wire & Tel. Cable
10'± Clearance

CUYAHOGA CO.
LAKE CO.

P.I. Sta. 2+93 Channel Change
Δ = 6°30' Rt.
D = 6°00'
T = 54.22'
L = 108.33'
P.C. Sta. 2+38.78
P.T. Sta. 3+47.11

N-0°49'55"E
℄ Proposed Channel

PROPOSED STRUCTURE UNDER WHITE ROAD
TYPE: CONTINUOUS STEEL BEAMS WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE
SPANS: 1@ 51'-0", 4@ 75'-1" & 1@ 51'-0"
ROADWAY: 24'-1"F.F. OF 2'-2" SAFETY CURBS.
LOADING: CF = 130 (57)
SKEW: 15°59'49" R.F.
APPR. SLABS: SPECIAL DESIGN (25' LENGTH)
WEARING SURFACE: 3½" MONO. CONC.
ALIGNMENT: TANGENT

B.M. No. 13-A
Brass Plate N.E. Wing Wall of Bridge 219' Rt. Sta. 0+08
Elev. = 883.812

889.73 889.04 888.93 888.68 888.43 888.21 887.98 887.78 887.58 887.42 887.37 887.30 887.30 887.23 887.15 887.12 887.10 886.98 886.85 886.72 886.60 886.49 886.41 886.32 886.02 885.72 885.42 885.12 884.82 884.52 884.26 884.22

400' V.C.

P.V.C. Sta. 132+64.69

P.V.I. Sta. 2+00.39

P.V.T. Sta. 2+00.39

890

880

C+00 ℄ G"I-4, N.B. & S.B. I.S.: 886.27

-100 ℄ G"I-4, N.B. & S.B.O.S.: 886.08

-0.30%

+72 ℄ G"I-4, N.B.O.S.: 880.66

+48 ℄ G"I-4, N.B. & S.B. I.S.: 880.32

+62 ℄ G"I-4, S.B.O.S.: 880.68

℄ 8" I-4 Outlet S.B.O.S.: 875.00

℄ 8" I-4 Outlet N.B.O.S.: 877.50

CUYAHOGA COUNTY
LAKE COUNTY

EQUATION: STA. 134+64.62 Bk. = STA. 0+00.20 Ahd.
P.V.I. Sta. 0+00.20 Elev. 886.225

Sta. 1+21.89 ℄ Proposed Relocation White Road

For Details of New Water Main, See Sheets # 117 & 118

Sta. 9+00
Sta. No. 4 C.B.
℄ Grate 878.80
℄ 24" I-2 @ C.B. 876.10
℄ 24" I-2 @ Hdwl. 874.80
℄ 8" I-4 Outlet N.B. & S.B. I.S. @ C.B. 877.50

887.4 885.9 885.0 884.5 884.9 883.9 883.6 883.8 883.7 884.2 883.4 883.0 883.0 882.8 883.1 883.8 883.9 883.1

132 133 134 0 1 2 3 4 5 6 7 8 9

+48 884.4
+56 883.5
+078 884.4
+10 884.9
+23 883.9
+27 882.8
+31 883.8
+50 883.7
+86

DRAINAGE

See Sheet No.	Ref. No.	Station From	Station To	Side ℄	E-2 Excavation for Structures Cu. Yds.	E-12 Pipe Removed Over 15" Lin. Ft.	I-2 Class A Bituminous under Pavement or Approaches Sec. M.6.01 Sq. Yds.	I-4 Underdrain 9 Inch Flow FF	I-4 Pipe Outlet for Underdrain Sec. M.6.4 (A) 6"	I-4 8"	I-4 12"	I-5 Pipe Specials for Underdrains 6" Diam. Each	I-7 Ditch Drain Standard No. 4 Each	I-10 Dumped Rock Channel Protection Cu. Yds.	I-14 Paved Gutter Type 1 Modified 4'6" Sq. Yds.	L-10 Sodding Sq. Yds.	S-1 Concrete for Structures Class "C" Cu. Yds.	S-4 Reinforcing Steel Lbs.	S-29 Drainage of Structures No. 2 Aggregate Cu. Yds.
345	1-D	132+00.00	9+00	Lt.															0.30
	2-D	81+52	9+00	Lt.															0.30
345	3-D	132+00.00	9+00	Lt.												88	5.4	218	
	4-D	81+52	9+00	Lt.												133			
121	5-D	81+00	1+50	Lt.												278			
	6-D	11+50	1331+50	Lt.												585			
	7-D	1331+50	1341+50	Lt.															
	8-D	Eliminated	1341+50	Lt.															
	9-D	1341+50	1344+25	Lt.															
	10-D	27+42	9+00	Lt.															
Totals:					6	66	168	4888	40	4	2	4	1	2	2	1004	5.4	218	0.60

REVISIONS:
3-31-60 Grade Raise for 16'-4" B-C.

MICHAEL BAKER, JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
STATE HIGHWAY NO. I
C- 41
PLAN AND PROFILE
STA. 132+00 TO STA. 9+00

Designed	Drawn	Traced	Checked	Reviewed Date	Revised 11-24-61 11-15-60
B.P.	H.G.	K.G.	L.I.		RFC

PLAN & PROFILE STA. 132+00 TO STA. 9+00